

PATENTS Attorney Docket No. CENT/002 CPA RCE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicants

Young et al.

Application No.

09/237,291

Confirmation No.: 9391

Filed

January 25, 1999

For

: EXPANDED AND GENETICALLY MODIFIED POPULATIONS

OF HEMATOPOIETIC STEM CELLS

Group Art Unit

1635

Examiner

K. Lacourciere

New York, New York January 7, 2005

Hon. Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

RESPONSE TO FINAL OFFICE ACTION

This responds to the June 2, 2004 Final Office Action. Applicants file this response in accordance with a telephonic interview with the Examiner on January 5, 2005. As this response is being filed within two months of the filing of the Notice of Appeal, no fees are believed to be due. However, if a fee is due, the Director is authorized to charge it to deposit account 06-1075.

Amendments to the Claims are reflected in the listing of claims that begins on page 3 of this paper.

Application No. 09/237,291 January 7, 2005 Response to June 2, 2004 Final Office Action

Remarks begin on page 11 of this paper.

Response Under 37 CFR **Expedited Procedure Examining Group**

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Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Onice, 0.5. Det account of U.S. Patent and Trademark Onice, U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

09/237,291 PADEMAR **Application Number** Corres, and Mai Filing Date January 25, 1999 TRANSMITTAL First Named Inventor Young, et al. **FORM** Art Unit 1635 **Examiner Name** K. Lacourciere (to be used for all correspondence after initial filing) Attorney Docket Number CENT/002 CPA RCE Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC Drawing(s) Fee Transmittal Form Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC Mendment/Reply Petition (Appeal Notice, Brief, Reply Brief) Petition to Convert to a **Proprietary Information** After Final Provisional Application Status Letter Affidavits/declaration(s) Power of Attorney, Revocation Change of Correspondence Address Other Enclosure(s) (please Identify **Extension of Time Request** below): Terminal Disclaimer Return postcard Request for Refund **Express Abandonment Request** CD, Number of CD(s) _ Information Disclosure Statement Landscape Table on CD Certified Copy of Priority Document(s) Remarks Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Fish & Neave IP Group Ropes & Gray LLP Signature Printed name Shilpi Banerjee Date Reg. No. January 7, 2005 53,965

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below

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| Signature | Rillian Dareia | | |
| Typed or printed name | Lillian Garcia | Date | January 7, 2005 |
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.